## PCT/USOS/OB371 PCT

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REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

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PCT/US 05/06371

28.02.05 International Filing Date

28 FEB 2005

PCI INTERNATIONAL.

Name of recAmpulCATION BOULS polication"

Applicant's or agent's file reference (if desired) (12 characters maximum) CERDA2 TITLE OF INVENTION Box No. I Simultaneous Detection of Metabolic Enzyme Activity and Metabolite Levels This person is also inventor Box No. II **APPLICANT** Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Telephone No. 617 350-9190 Facsimile No. PERKINELMER LAS, INC. 617 574-9811 549 Albany Street Teleprinter No. Boston, MA 02118 United States of America Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: US US the United States of America only the States indicated in the Supplemental Box This person is applicant all designated States all designated States except the United States of America for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Roy No. III Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only CERDA, Blas applicant and inventor 9 Eben Street inventor only (If this check-box is marked, do not fill in below.) Milford, MA 01757 **United States of America** Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: US MX the States indicated in the Supplemental Box the United States all designated States except the United States of America This person is applicant for the purposes of: all designated States of America only Further applicants and/or (further) inventors are indicated on a continuation sheet. AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE Box No. IV The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: common representative agent Name and address: (Family name followed by given name; for a legal entity, full official designation.

The address must include postal code and name of country.) Telephone No. 617 350-9190 GUY, Pamela M. Facsimile No. PerkinElmer LAS, Inc. 617 574-9811 549 Albany Street Teleprinter No. Boston, MA 02118 United States of America Agent's registration No. with the Office 51,228 Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

- If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation" of Box No..." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:
- if more than two persons are to be indicated as applicants and/or inventors and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;
- if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the nurnoses of which the named person is OAPI patent) for the purposes of which the named person is applicant;
- if, in Box No. II or in any of the sub-boxes of Box No. III, the (iii) inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is
- (iv) if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;
- if, in Box No. VI, there are more than three earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.
- If the applicant intends to make an indication of the wish that the international application be treated, in certain designated States, as an application for a patent of addition, certificate of addition inventor's certificate of addition or utility certificate of addition: in such a case, write the name or two-letter code of addition: in such a case, write the hame of workers worked to of each designated State concerned and the indication "patent of addition," "inventor's certificate of addition," the number of the parent application or parent patent or other parent grant and the date of grant of the parent patent or other patent grant or the date of filing of the parent application (Rules 4.11(a)(iii) and 49bis. 1(a) or (b)).
- If the applicant intends to make an indication of the wish that the international application be treated, in the United States of America, as a continuation or continuation-in-part of an earlier.

  US, continuation-in-part, PCT/US04/28238, 30 August 2004 (30.08.2004) 3. application: in such a case, write "United States of America" or "US" and the indication "continuation" or "continuationin-part" and the number and the filing date of the parent application (Rules 4.11(a)(iv) and 49bis.1(d)).

Box No. V DESIGNAT	ΓIONS				
The filing of this request confiling date, for the grant of	nstitutes under Rule 4.9(a), the every kind of protection availa	ne designation of all Controlled	racting States bound by the for the grant of both reg	he PCT on the international gional and national patents.	
However,					
DE Germany is not d	esignated for any kind of nation	onal protection			
KR Republic of Kore	a is not designated for any ki	nd of national protection			
RU Russian Federation	on is not designated for any ki	ind of national protection			
the national law, of an earlie	be used to exclude (irrevocable er national application from w s in these and certain other St	hich priority is claimed. S			
Box No. VI PRIORITY	CLAIM				
The priority of the following	g earlier application(s) is hereb	y claimed:			
Filing date	Number	Where earlier application is:			
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office	
item (1) 30 August 2004 (30.08.2004)	PCT/US04/28238			us	
item (2)					
item (3)					
Further priority claims	are indicated in the Supplemer	ntal Box.			
	ested to prepare and transmit to led with the Office which for th				
all items 🗶 ite	em (1)	item (3)	other, se	e Supplemental Box	
* Where the earlier application	on is an ARIPO application, inc	dicate at least one country	party to the Paris Conve	ntion for the Protection of	
Industrial Property or one M	ember of the World Trade Org	ganization for which that e	arlier application was file	ed (Rule 4.10(b)(ii)):	
D NI WAY INCOMPANIATE	TONAL COARCHING AUM	HODERY			
	IONAL SEARCHING AUT				
Choice of International Sea international search, indicate	rching Authority (ISA) (if tw the Authority chosen; the two-l	vo or more International Se letter code may be used):	earching Authorities are o	competent to carry out the	
ISA / .U.S					
	rlier search; reference to the	at search (if an earlier sea	arch has been carried out	by or requested from the	
International Searching Author Date (day/month/year)	ority): Numbe	r Count	ry (or regional Office)		
Date (auy/months)cur/	Numbe	Count	ry (or regional Office)		
Box No. VIII DECLARAT	TIONS				
	are contained in Boxes Nos. Vite in the right column the numb			Number of declarations	
Box No. VIII (i)	Declaration as to the identity	of the inventor		:	
Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :				
Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :				
Box No. VIII (iv)	VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) :				
Box No. VIII (v)	Declaration as to non-prejud	icial disclosures or except	tions to lack of novelty	:	

Box No. IX CHECK LIST; LANGUAGE	OF FILING				
This international application contains:	This international application is accompanied by the following	Number			
(a) in paper form, the following number of sheets:	item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	of items			
request (including	1. 🔀 fee calculation sheet	: 1			
declaration sheets) : 4	2.  original separate power of attorney	:			
description (excluding sequence listing and/or	3. original general power of attorney	:			
tables related thereto) : 44	4. copy of general power of attorney; reference number, if any:	,			
claims : 8	5. statement explaining lack of signature	:			
abstract : 1	6. priority document(s) identified in Box No. VI as				
drawings : 1	item(s):	:			
Sub-total number of sheets : 58 sequence listing :	7.  translation of international application into (language):	:			
tables related thereto :	8. separate indications concerning deposited microorganism				
(for both, actual number of sheets if filed in paper form,	or other biological material  9.  sequence listing in computer readable form	•			
whether or not also filed in computer readable form;	(indicate type and number of carriers) (i) □ copy submitted for the purposes of international search under				
see (c) below)  Total number of sheets : 58	Rule 13ter only (and not as part of the international application	ı) :			
(b) only in computer readable form	(ii) only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter	:			
(Section 801(a)(i))	(iii) together with relevant statement as to the identity of the copy of	r			
(i) ☐ sequence listing (ii) ☐ tables related thereto	copies with the sequence listing mentioned in left column	:			
(c) also in computer readable form (Section 801(a)(ii))	10. tables in computer readable form related to sequence listing (indicate type and number of carriers)				
(i) sequence listing	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international	Į			
(ii) tables related thereto	application)	:			
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)				
sequence listing:	(iii) \(\preceq\) together with relevant statement as to the identity of the copy or				
tables related thereto:	copies with the tables mentioned in left column :				
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)					
Figure of the drawings which	Language of filing of the English				
snould accompany the abstract: International approach					
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE  Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).					
Pamela M Duy					
Pamela M. Guy					
Reg. No. 51,228	()				
	For reactiving Office was only (28.02.05)				
For receiving Office use only					
1. Date of actual receipt of the purported international application:  DT02 Rec'd PCT/PT0  2.8 FEB 2005  received:					
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:					
4. Date of timely receipt of the required corrections under PCT Article I1(2):					
5. International Searching Authority (if two or more are competent): ISA / (1) ISA / (1) ISA / (2) ISA / (3) Isaach fee is paid					
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